

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: _____

Signature: _____ (David A. Gass)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☐ no such U.S. provisional applications have been filed.

☒ such U.S. provisional application have been filed as follows:

| Application Number | Date of Filing (dd/mm/yyyy) | Priority Claimed Under 35 USC 119 |
|--------------------|--------------------------------|--------------------------------------|
| 60/219,795 | July 19, 2000 | <u> x </u> Yes No <u> </u> |
| 60/275,251 | March 12, 2001 | <u> x </u> Yes No <u> </u> |

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☐ no such U.S./PCT applications have been filed.

☒ such U.S./PCT application have been filed as follows:

| Application Number | Date of Filing |
|--------------------|----------------|
| 09/908,943 | July 19, 2001 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

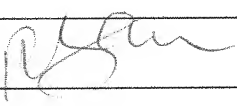
jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

Please direct facsimiles to: (312) 474-0448

| | |
|---|-----------------------------|
| Full name of sole or first inventor Riqiang Yan | |
| Sole or first inventor's signature  | Date Dec 28, 2007 |
| Residence Pepper Pike, Ohio | |
| Citizenship US | |
| Mailing Address 3450 Courtland Road Pepper Pike, Ohio 44122 | |

| | |
|---|------|
| Full name of second inventor, if any Alfredo G. Tomasselli | |
| Second inventor's signature | Date |
| Residence Wildwood, Missouri | |
| Citizenship US | |
| Mailing Address 1540 Garden Valley Drive Wildwood, Missouri 63038 | |

| | |
|---|------|
| Full name of third inventor, if any Mark E. Gurney | |
| Third inventor's signature | Date |
| Residence Grand Rapids, Michigan | |
| Citizenship US | |
| Mailing Address 910 Rosewood Avenue SE Grand Rapids, Michigan 49506 | |

| | |
|--|------|
| Full name of fourth inventor, if any Thomas L. Emmons | |
| Fourth inventor's signature | Date |
| Residence Wentzville, Missouri | |
| Citizenship US | |
| Mailing Address 2260 Autumn Trace Parkway Wentzville, Missouri 63385 | |

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: 29915/00281EUS

| | |
|---|------|
| Full name of fifth inventor, if any Michael Jerome Bienkowski | |
| Fifth inventor's signature | Date |
| Residence Ballwin, Missouri | |
| Citizenship US | |
| Mailing Address 1125 New Ballwin Oaks Drive Ballwin, Missouri 63021 | |

| | |
|--|------|
| Full name of sixth inventor, if any Robert L. Heinrikson | |
| Sixth inventor's signature | Date |
| Residence Plainwell, Michigan | |
| Citizenship US | |
| Mailing Address 81 South Lake Doster Drive Plainwell, Michigan 49080 | |

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: _____

Signature: _____ (David A. Gass)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☐ no such U.S. provisional applications have been filed.

☒ such U.S. provisional application have been filed as follows:

| Application Number | Date of Filing (dd/mm/yyyy) | Priority Claimed Under 35 USC 119 |
|--------------------|--------------------------------|--------------------------------------|
| 60/219,795 | July 19, 2000 | <u> x </u> Yes No <u> </u> |
| 60/275,251 | March 12, 2001 | <u> x </u> Yes No <u> </u> |

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☐ no such U.S./PCT applications have been filed.

☒ such U.S./PCT application have been filed as follows:

| Application Number | Date of Filing |
|--------------------|----------------|
| 09/908,943 | July 19, 2001 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

Please direct facsimiles to: (312) 474-0448

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: 29915/00281EUS

| | |
|---|------|
| Full name of sole or first inventor Riqiang Yan | |
| Sole or first inventor's signature | Date |
| Residence Pepper Pike, Ohio | |
| Citizenship US | |
| Mailing Address 3450 Courtland Road Pepper Pike, Ohio 44122 | |

| | |
|---|---------------------------------|
| Full name of second inventor, if any Alfredo G. Tomasselli | |
| Second inventor's signature <i>Alfredo G. Tomasselli</i> | Date <i>January 05, 2008</i> |
| Residence Wildwood, Missouri | |
| Citizenship US | |
| Mailing Address 1540 Garden Valley Drive Wildwood, Missouri 63038 | |

| | |
|---|------|
| Full name of third inventor, if any Mark E. Gurney | |
| Third inventor's signature | Date |
| Residence Grand Rapids, Michigan | |
| Citizenship US | |
| Mailing Address 910 Rosewood Avenue SE Grand Rapids, Michigan 49506 | |

| | |
|--|------|
| Full name of fourth inventor, if any Thomas L. Emmons | |
| Fourth inventor's signature | Date |
| Residence Wentzville, Missouri | |
| Citizenship US | |
| Mailing Address 2260 Autumn Trace Parkway Wentzville, Missouri 63385 | |

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: 29915/00281EUS

| | |
|---|------|
| Full name of fifth inventor, if any Michael Jerome Bienkowski | |
| Fifth inventor's signature | Date |
| Residence Ballwin, Missouri | |
| Citizenship US | |
| Mailing Address 1125 New Ballwin Oaks Drive Ballwin, Missouri 63021 | |

| | |
|--|------|
| Full name of sixth inventor, if any Robert L. Henrikson | |
| Sixth inventor's signature | Date |
| Residence Plainwell, Michigan | |
| Citizenship US | |
| Mailing Address 81 South Lake Doster Drive Plainwell, Michigan 49080 | |

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: _____

Signature: _____ (David A. Gass)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☐ no such U.S. provisional applications have been filed.

☒ such U.S. provisional application have been filed as follows:

| Application Number | Date of Filing (dd/mm/yyyy) | Priority Claimed Under 35 USC 119 |
|--------------------|--------------------------------|--------------------------------------|
| 60/219,795 | July 19, 2000 | <u> x </u> Yes No <u> </u> |
| 60/275,251 | March 12, 2001 | <u> x </u> Yes No <u> </u> |

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☐ no such U.S./PCT applications have been filed.

☒ such U.S./PCT application have been filed as follows:

| Application Number | Date of Filing |
|--------------------|----------------|
| 09/908,943 | July 19, 2001 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

Please direct facsimiles to: (312) 474-0448

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: 29915/00281EUS

| | |
|---|------|
| Full name of sole or first inventor Riqiang Yan | |
| Sole or first inventor's signature | Date |
| Residence Pepper Pike, Ohio | |
| Citizenship US | |
| Mailing Address 3450 Courtland Road Pepper Pike, Ohio 44122 | |

| | |
|---|------|
| Full name of second inventor, if any Alfredo G. Tomasselli | |
| Second inventor's signature | Date |
| Residence Wildwood, Missouri | |
| Citizenship US | |
| Mailing Address 1540 Garden Valley Drive Wildwood, Missouri 63038 | |

| | |
|---|-----------------------------|
| Full name of third inventor, if any Mark E. Gurney | |
| Third inventor's signature <i>M. E. Gurney</i> | Date Dec 30, 2007 |
| Residence Grand Rapids, Michigan | |
| Citizenship US | |
| Mailing Address 910 Rosewood Avenue SE Grand Rapids, Michigan 49506 | |

| | |
|--|------|
| Full name of fourth inventor, if any Thomas L. Emmons | |
| Fourth inventor's signature | Date |
| Residence Wentzville, Missouri | |
| Citizenship US | |
| Mailing Address 2260 Autumn Trace Parkway Wentzville, Missouri 63385 | |

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: 29915/00281EUS

| | |
|---|------|
| Full name of fifth inventor, if any Michael Jerome Bienkowski | |
| Fifth inventor's signature | Date |
| Residence Ballwin, Missouri | |
| Citizenship US | |
| Mailing Address 1125 New Ballwin Oaks Drive Ballwin, Missouri 63021 | |

| | |
|--|------|
| Full name of sixth inventor, if any Robert L. Heinrikson | |
| Sixth inventor's signature | Date |
| Residence Plainwell, Michigan | |
| Citizenship US | |
| Mailing Address 81 South Lake Doster Drive Plainwell, Michigan 49080 | |

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: _____

Signature: _____ (David A. Gass)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☐ no such U.S. provisional applications have been filed.

☒ such U.S. provisional application have been filed as follows:

| Application Number | Date of Filing (dd/mm/yyyy) | Priority Claimed Under 35 USC 119 |
|--------------------|--------------------------------|--------------------------------------|
| 60/219,795 | July 19, 2000 | <u> x </u> Yes No <u> </u> |
| 60/275,251 | March 12, 2001 | <u> x </u> Yes No <u> </u> |

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☐ no such U.S./PCT applications have been filed.

☒ such U.S./PCT application have been filed as follows:

| Application Number | Date of Filing |
|--------------------|----------------|
| 09/908,943 | July 19, 2001 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

Please direct facsimiles to: (312) 474-0448

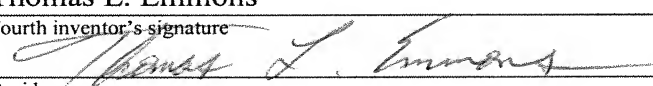
DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: 29915/00281EUS

| | |
|---|------|
| Full name of sole or first inventor Riqiang Yan | |
| Sole or first inventor's signature | Date |
| Residence Pepper Pike, Ohio | |
| Citizenship US | |
| Mailing Address 3450 Courtland Road Pepper Pike, Ohio 44122 | |

| | |
|---|------|
| Full name of second inventor, if any Alfredo G. Tomasselli | |
| Second inventor's signature | Date |
| Residence Wildwood, Missouri | |
| Citizenship US | |
| Mailing Address 1540 Garden Valley Drive Wildwood, Missouri 63038 | |

| | |
|---|------|
| Full name of third inventor, if any Mark E. Gurney | |
| Third inventor's signature | Date |
| Residence Grand Rapids, Michigan | |
| Citizenship US | |
| Mailing Address 910 Rosewood Avenue SE Grand Rapids, Michigan 49506 | |

| | |
|--|-----------------------------|
| Full name of fourth inventor, if any Thomas L. Emmons | |
| Fourth inventor's signature  | Date Jan. 7, 2008 |
| Residence Wentzville, Missouri | |
| Citizenship US | |
| Mailing Address 2260 Autumn Trace Parkway Wentzville, Missouri 63385 | |

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: 29915/00281EUS

| | |
|---|------|
| Full name of fifth inventor, if any Michael Jerome Bienkowski | |
| Fifth inventor's signature | Date |
| Residence Ballwin, Missouri | |
| Citizenship US | |
| Mailing Address 1125 New Ballwin Oaks Drive Ballwin, Missouri 63021 | |

| | |
|--|------|
| Full name of sixth inventor, if any Robert L. Heinrikson | |
| Sixth inventor's signature | Date |
| Residence Plainwell, Michigan | |
| Citizenship US | |
| Mailing Address 81 South Lake Doster Drive Plainwell, Michigan 49080 | |

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: _____

Signature: _____ (David A. Gass)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☐ no such U.S. provisional applications have been filed.

☒ such U.S. provisional application have been filed as follows:

| Application Number | Date of Filing (dd/mm/yyyy) | Priority Claimed Under 35 USC 119 |
|--------------------|--------------------------------|--------------------------------------|
| 60/219,795 | July 19, 2000 | <u> x </u> Yes No <u> </u> |
| 60/275,251 | March 12, 2001 | <u> x </u> Yes No <u> </u> |

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☐ no such U.S./PCT applications have been filed.

☒ such U.S./PCT application have been filed as follows:

| Application Number | Date of Filing |
|--------------------|----------------|
| 09/908,943 | July 19, 2001 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

Please direct facsimiles to: (312) 474-0448

DECLARATION AND POWER OF ATTORNEY

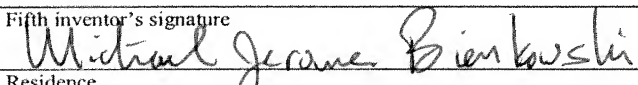
Attorney Docket No.: 29915/00281EUS

| | |
|---|------|
| Full name of sole or first inventor Riqiang Yan | |
| Sole or first inventor's signature | Date |
| Residence Pepper Pike, Ohio | |
| Citizenship US | |
| Mailing Address 3450 Courtland Road Pepper Pike, Ohio 44122 | |

| | |
|---|------|
| Full name of second inventor, if any Alfredo G. Tomasselli | |
| Second inventor's signature | Date |
| Residence Wildwood, Missouri | |
| Citizenship US | |
| Mailing Address 1540 Garden Valley Drive Wildwood, Missouri 63038 | |

| | |
|---|------|
| Full name of third inventor, if any Mark E. Gurney | |
| Third inventor's signature | Date |
| Residence Grand Rapids, Michigan | |
| Citizenship US | |
| Mailing Address 910 Rosewood Avenue SE Grand Rapids, Michigan 49506 | |

| | |
|--|------|
| Full name of fourth inventor, if any Thomas L. Emmons | |
| Fourth inventor's signature | Date |
| Residence Wentzville, Missouri | |
| Citizenship US | |
| Mailing Address 2260 Autumn Trace Parkway Wentzville, Missouri 63385 | |

| | |
|---|-------------------|
| Full name of fifth inventor, if any Michael Jerome Bienkowski | |
| Fifth inventor's signature  | Date 2/11/2008 |
| Residence Ballwin, Missouri | |
| Citizenship US | |
| Mailing Address 1125 New Ballwin Oaks Drive Ballwin, Missouri 63021 | |

| | |
|--|------|
| Full name of sixth inventor, if any Robert L. Henrikson | |
| Sixth inventor's signature | Date |
| Residence Plainwell, Michigan | |
| Citizenship US | |
| Mailing Address 81 South Lake Doster Drive Plainwell, Michigan 49080 | |

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: _____

Signature: _____ (David A. Gass)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SUBSTRATES AND ASSAYS FOR BETA-SECRETASE ACTIVITY

the specification of which was filed on March 16, 2004 as Application No. 10/801,493.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☐ no such U.S. provisional applications have been filed.

☒ such U.S. provisional application have been filed as follows:

| Application Number | Date of Filing (dd/mm/yyyy) | Priority Claimed Under 35 USC 119 |
|--------------------|--------------------------------|--------------------------------------|
| 60/219,795 | July 19, 2000 | <u> x </u> Yes No <u> </u> |
| 60/275,251 | March 12, 2001 | <u> x </u> Yes No <u> </u> |

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☐ no such U.S./PCT applications have been filed.

☒ such U.S./PCT application have been filed as follows:

| Application Number | Date of Filing |
|--------------------|----------------|
| 09/908,943 | July 19, 2001 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 04743

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David A. Gass, whose address is associated with:

Customer Number 04743

Please direct telephone calls to: David A. Gass at (312) 474-6300.

Please direct facsimiles to: (312) 474-0448

| | |
|---|------|
| Full name of sole or first inventor Riqiang Yan | |
| Sole or first inventor's signature | Date |
| Residence Pepper Pike, Ohio | |
| Citizenship US | |
| Mailing Address 3450 Courtland Road Pepper Pike, Ohio 44122 | |

| | |
|---|------|
| Full name of second inventor, if any Alfredo G. Tomasselli | |
| Second inventor's signature | Date |
| Residence Wildwood, Missouri | |
| Citizenship US | |
| Mailing Address 1540 Garden Valley Drive Wildwood, Missouri 63038 | |

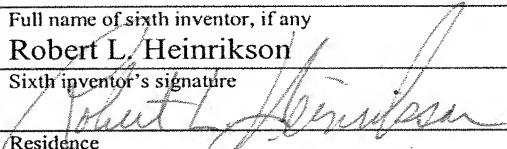
| | |
|---|------|
| Full name of third inventor, if any Mark E. Gurney | |
| Third inventor's signature | Date |
| Residence Grand Rapids, Michigan | |
| Citizenship US | |
| Mailing Address 910 Rosewood Avenue SE Grand Rapids, Michigan 49506 | |

| | |
|--|------|
| Full name of fourth inventor, if any Thomas L. Emmons | |
| Fourth inventor's signature | Date |
| Residence Wentzville, Missouri | |
| Citizenship US | |
| Mailing Address 2260 Autumn Trace Parkway Wentzville, Missouri 63385 | |

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: 29915/00281EUS

| | |
|---|------|
| Full name of fifth inventor, if any Michael Jerome Bienkowski | |
| Fifth inventor's signature | Date |
| Residence Ballwin, Missouri | |
| Citizenship US | |
| Mailing Address 1125 New Ballwin Oaks Drive Ballwin, Missouri 63021 | |

| | |
|---|-------------------------|
| Full name of sixth inventor, if any Robert L. Henrikson | |
| Sixth inventor's signature  | Date 12/27/07 |
| Residence Plainwell, Michigan | |
| Citizenship US | |
| Mailing Address 81 South Lake Doster Drive Plainwell, Michigan 49080 | |